

Converting Colors

$Y_{xy}(65.2930, 0.4395, 0.3579)$

Have a look what the booklet for
Yxy(65.2930, 0.4395, 0.3579)
contains.

Yxy(56.4777, 0.4059, 0.3628)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4777, 0.4059, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	FFB595
RGB	255, 181, 149
RGB Percent	100%, 71%, 58%
CMY	0.0000, 0.2902, 0.4157
CMYK	0.00, 0.29, 0.42, 0.00
HSL	18°, 100%, 79%
HSV	18°, 42%, 100%
XYZ	63.1872, 56.4777, 36.0069
YIQ	199.4780, 54.3760, 5.7360

Conversions

Conversions Part 2

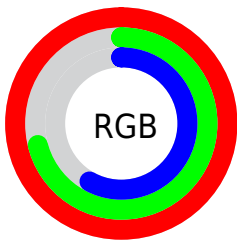
Format	Color
R _Y B	255, 195, 149
Decimal	16758165
CIE Lab	79.88, 23.08, 27.01
CIE LCh	80, 35.534, 49.484
Yxy	56.4777, 0.4059, 0.3628
Android (android.graphics.Color)	4294948245 (0xFFFFB595)
YUV	199.4780, -24.8857, 48.6928
Hunter-Lab	75.1516, 18.5666, 24.1990

Details

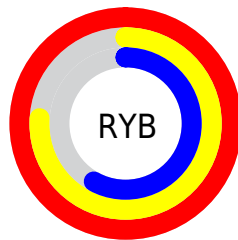
The Yxy color **56.4777, 0.4059, 0.3628** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.3798, 0.2497, 0.2916**, and the grayscale version is **57.5538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1402, 0.3469, 0.3631**, and **28.0559, 0.4302, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **48.9704, 0.4384, 0.3703**, and if you desaturate by 10%, it is **65.0936, 0.3775, 0.3545**.

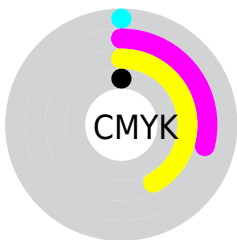
Distribution



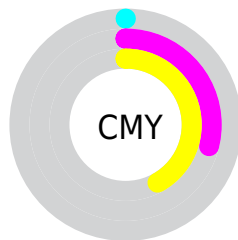
- Red (100%)
- Green (71%)
- Blue (58%)



- Red (100%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4777, 0.4059, 0.3628 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.4777, 0.4059, 0.3628 by changing the saturation by 10% instead.


 56.4777, 0.4059,
0.3628


 56.4777, 0.4059,
0.3628


411.4893, 0.3605,
0.3483

 40.5861, 0.4167,
0.3657


 99.7027, 0.3898,
0.3581

 27.9958, 0.4303,
0.3690


 127.8048, 0.3836,
0.3562

 18.3225, 0.4477,
0.3726

160.7459, 0.3783,
0.3544

 11.1818, 0.4708,
0.3764


198.9103, 0.3738,
0.3529

 6.1892, 0.5024,
0.3796

242.6824, 0.3698,
0.3516

 2.9605, 0.5518,
0.3825

292.4467, 0.3663,

 1.1111, 0.6256,

0.3504

0.3744

348.5875, 0.3632,
0.3493

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4777, 0.4059,
0.3628

56.4777, 0.4059,
0.3628

48.9704, 0.4384,
0.3703

65.0936, 0.3775,
0.3545

42.5170, 0.4743,
0.3760

74.8534, 0.3531,
0.3461

37.0701, 0.5117,
0.3787

85.8011, 0.3325,
0.3379

32.5750, 0.5477,
0.3772

97.9757, 0.3152,
0.3302

■ 28.9709, 0.5787,
0.3708

99.9987, 0.3127,
0.3290

■ 26.5658, 0.5990,
0.3626

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4777, 0.3909, 0.3255



56.4777, 0.4059, 0.3628



56.4777, 0.3936, 0.3952

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4777, 0.4059, 0.3628



56.4777, 0.2706, 0.3711



56.4777, 0.2634, 0.2545

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.4777, 0.4059, 0.3628



66.3798, 0.2497, 0.2916

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4777, 0.2359, 0.2603



56.4777, 0.4059, 0.3628



56.4777, 0.2396, 0.3249

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4777, 0.4059, 0.3628



56.4777, 0.3142, 0.4049



56.4777, 0.2276, 0.2845



56.4777, 0.3056, 0.2659

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4777, 0.4059, 0.3628



56.4777, 0.3727, 0.4093



56.4777, 0.2276, 0.2845



56.4777, 0.2523, 0.2545

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.4804, 0.4059, 0.3628



85.3043, 0.3333, 0.3382



48.0940, 0.3453, 0.2542



17.9393, 0.3358, 0.3393



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4804, 0.4059, 0.3628



50.0774, 0.4331, 0.3692



82.1582, 0.3831, 0.4140



18.8812, 0.3287, 0.3362



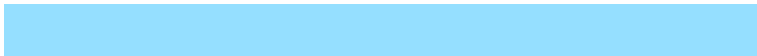
14.1096, 0.5961, 0.3649



1.5559, 0.5740, 0.3824

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.3798, 0.2497, 0.2916



61.1394, 0.2383, 0.2825



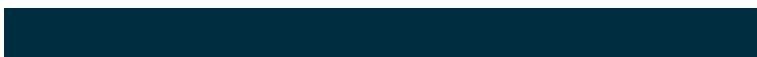
42.4357, 0.2390, 0.2261



19.5010, 0.2980, 0.3217



20.6853, 0.1964, 0.2272



2.2062, 0.2001, 0.2402

Previews

White Background



This preview shows how the Yxy color 56.4777, 0.4059, 0.3628 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.4777, 0.4059, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

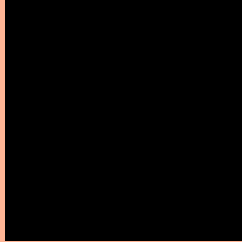
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4777, 0.4059, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 56.4777, 0.4059, 0.3628.



This preview shows how white text looks on a background with the Yxy color 56.4777, 0.4059, 0.3628.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.4777, 0.4059, 0.3628

Protanopia

56.6714, 0.3546, 0.3782

Deuteranopia

56.4259, 0.3854, 0.3774



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.4777, 0.4059, 0.3628

Protanomaly

56.3633, 0.3727, 0.3728

Deuteranomaly

56.5560, 0.3928, 0.3719

Tritanomaly

56.1568, 0.3847, 0.3334

Monochromacy



Original Color

56.4777, 0.4059, 0.3628

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.0955, 0.3438, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4777, 0.4059, 0.3628 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 149) }
```

Border

The CSS property to change the border of an element to Yxy 56.4777, 0.4059, 0.3628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 149) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 181, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 181, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4777, 0.4059, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
181, 149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor